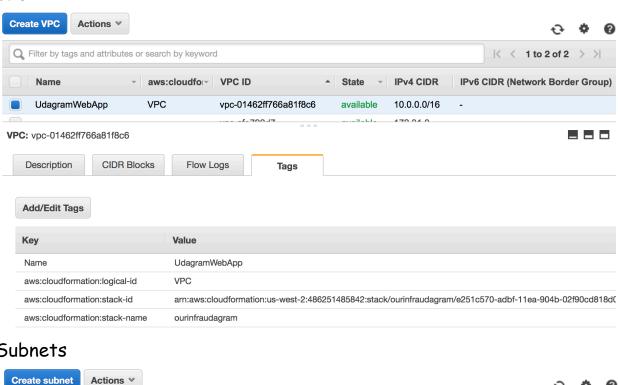
# Deploy a high-availability web app using CloudFormation

### Network Infrastructure:





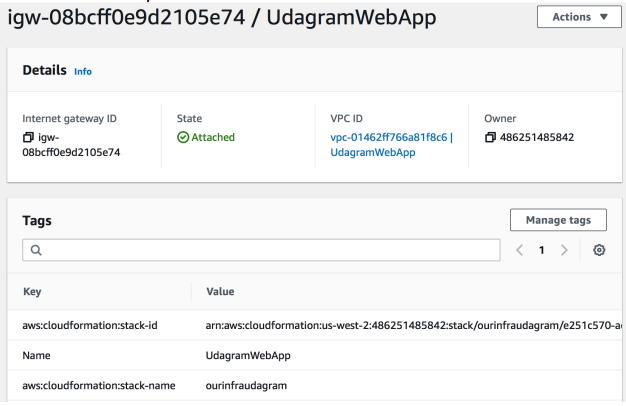
#### Subnets



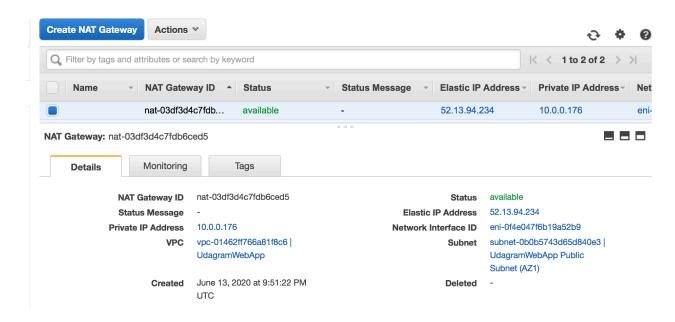
Route Tables



> Internet Gateway

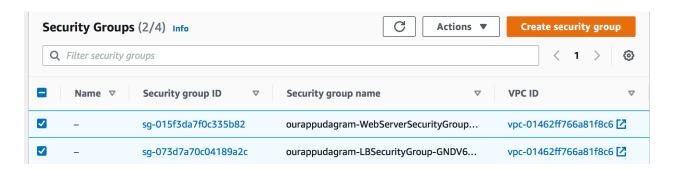


NatGateways

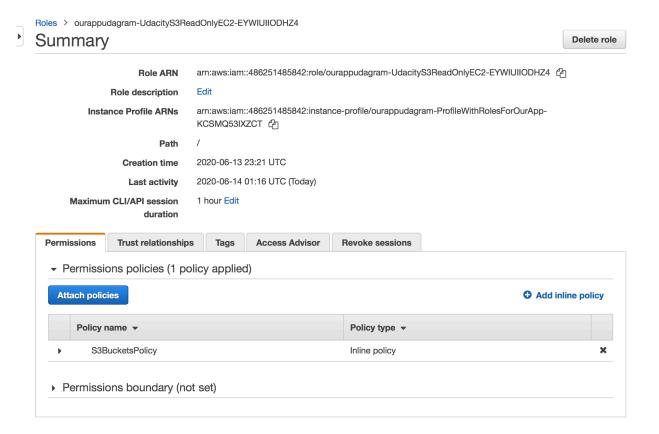


## Servers Infrastructure

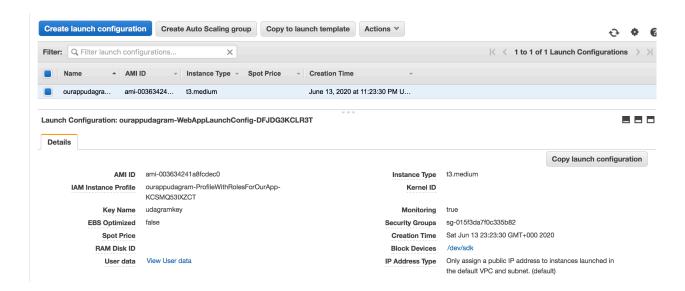
> Security Groups



> IAM Role, Policy, Instance Profile



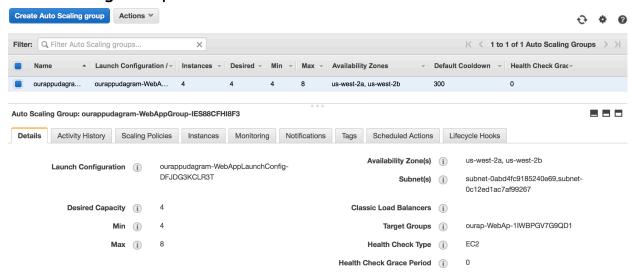
# > Launch configuration



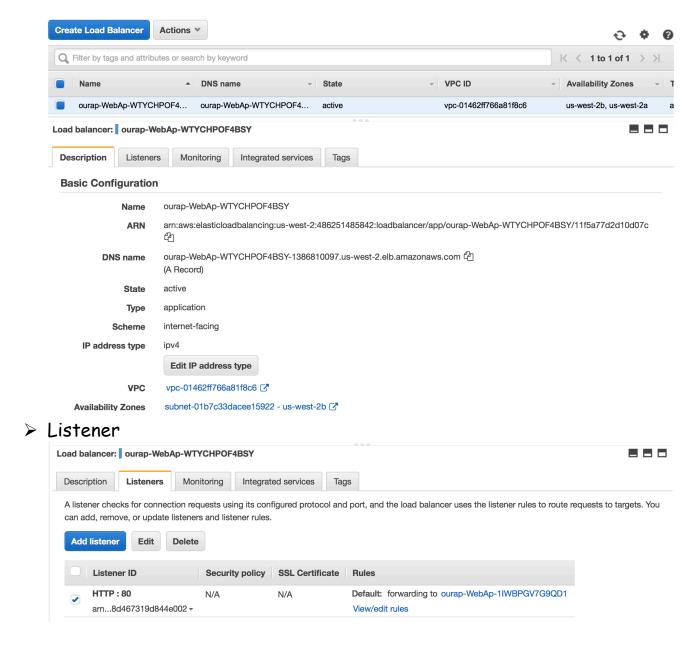
# #!/bin/bash apt-get update -y apt-get install unzip awscli -y apt-get install apache2 -y systemctl start apache2.service cd /var/www/html aws s3 cp s3://udacity-demo-final/udacity.zip .

## > Auto Scaling Group

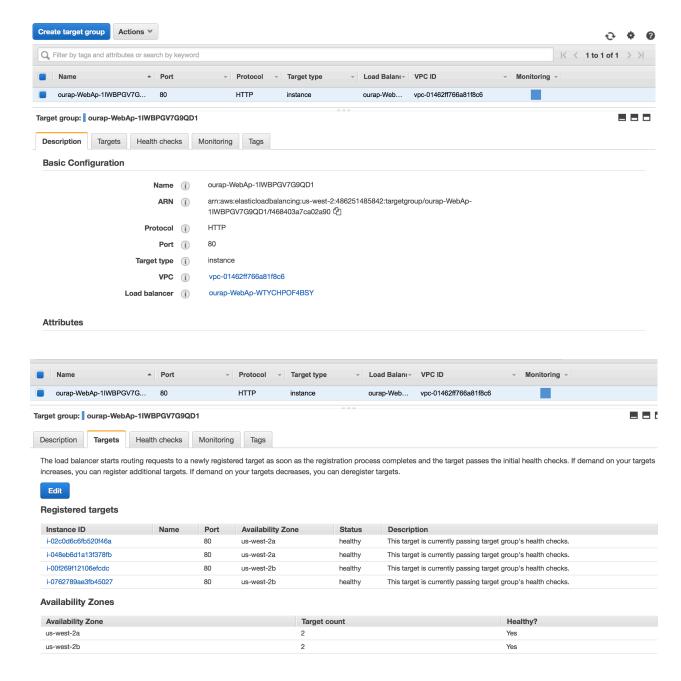
unzip -o udacity.zip



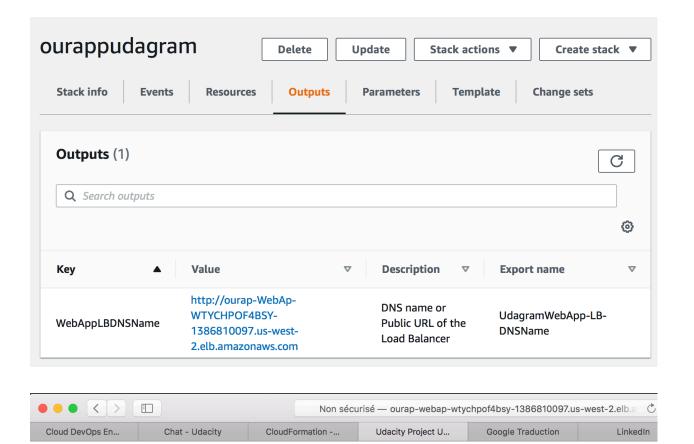
### > Load Balancer



### > Target Group



> DNS name or Public URL of the Load Balancer



## **Udagram**

it works! Udacity Project Udagram a High-Availability web application.

```
ubuntu@ip-10-0-0-76:/var/www/html$ ls -ltr
total 12
-rw-r--r-- 1 root root 251 Jun 10 21:04 index.html
drwxrwxr-x 2 root root 4096 Jun 10 21:05 __MACOSX
-rw-r--r-- 1 root root 727 Jun 13 22:52 udacity.zip
ubuntu@ip-10-0-0-76:/var/www/html$
```